

5        **SYSTEM AND METHOD FOR COMMUNICATION OF KEYBOARD AND  
TOUCHPAD INPUTS AS HID PACKETS EMBEDDED ON A SMBUS**

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**ABSTRACT OF THE DISCLOSURE**

10        Integrated pointing device and integrated keyboard inputs are accepted at a  
microcontroller that formats the inputs to the HID protocol and embeds the HID  
formatted inputs into SMBus messages for transfer over an SMBus to processing  
components of an information handling system. A state machine at the information  
handling system motherboard extracts the HID packets from the SMBus messages  
and provides the HID packets to HID registers for use by processing components.  
15        Keyboard and pointing device inputs communicated from integrated devices through  
an SMBus may be treated as trusted data separate from non-trusted inputs through  
external devices and buses.